

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	55	("20020142919"   "20040106525"   "20040152601"   "20060016596"   "20060105917"   "20060105918"   "20060205608"   "20070123433"   "3630285"   "3741308"   "3974082"   "4986353"   "4986355"   "5108457"   "5278256"   "5296161"   "5338474"   "5352594"   "5364554"   "5678632"   "6140277"   "6702023"   "6763888"   "7195068"   "7216705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 08:26
S2	9	((("20050034861") or ("7151077") or ("7178596") or ("7165617") or ("20070235190")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 08:39
S3	2	("20040152601").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 08:40
S4	22	((("5437331") or ("5624886") or ("4202795") or ("4919209") or ("4986353") or ("6162766") or ("6184184") or ("6187720") or ("6207620") or ("6326335") or ("6357527")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 08:53
S5	5	S4 and (filter\$1cake\$1 (filter\$3 with cake \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 08:53
S6	65	("4313834"   "5126051"   "5226479"   "5247995"   "5881813"   "5911923"   "5990052"   "5992518"   "6138753"   "6140277").PN. OR ("6763888").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/11 09:05
S7	19	S6 and (filter\$1cake\$1 (filter\$3 with cake \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:06
S8	16	S7 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:06

S9	4086	(166/300,305.1,311,312,376).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:40
S10	371	S9 and (filter\$1cake\$1 (filter\$3 with cake \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:40
S11	142	S10 and (hydrolysis hydrolyz\$3 hydrolys \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:40
S12	128	S11 not (S1 S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:41
S13	53	S12 and (lact\$5 glycoli\$4 caprolactone\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 09:42
S15	1	("6938693").PN.	USPAT; USOCR	OR	OFF	2008/03/11 10:13
S16	10	(US-7195068-\$ or US-6763888-\$ or US-5881813-\$ or US-7021377-\$ or US-7080688-\$ or US-6702023-\$ or US-6817414-\$ or US-7066260-\$ or US-7219731-\$ or US-7265079-\$).did.	USPAT	OR	OFF	2008/03/11 13:17
S17	6	S16 and cross\$1link\$4	USPAT	OR	OFF	2008/03/11 13:18
S18	4	S17 and guar	USPAT	OR	OFF	2008/03/11 13:18
S19	1	("6938693").PN.	USPAT; USOCR	OR	OFF	2008/03/11 14:29
S20	0	S19 and \$2fluoride\$1	USPAT	OR	OFF	2008/03/11 14:29
S21	55	("20020142919"   "20040106525"   "20040152601"   "20060016596"   "20060105917"   "20060105918"   "20060205608"   "20070123433"   "3630285"   "3741308"   "3974082"   "4986353"   "4986355"   "5108457"   "5278256"   "5296161"   "5338474"   "5352594"   "5364554"   "5678632"   "6140277"   "6702023"   "6763888"   "7195068"   "7216705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29

S22	65	("4313834"   "5126051"   "5226479"   "5247995"   "5881813"   "5911923"   "5990052"   "5992518"   "6138753"   "6140277").PN. OR ("6763888").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/11 14:29
S23	19	S22 and (filter\$1cake\$1 (filter\$3 with cake \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S24	16	S23 not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S25	4086	(166/300,305.1,311,312,376).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S26	371	S25 and (filter\$1cake\$1 (filter\$3 with cake \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S27	142	S26 and (hydrolysis hydrolyz\$3 hydrolys \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S28	128	S27 not (S21 S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S29	53	S28 and (lact\$5 glycoli\$4 caprolactone\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/11 14:29
S30	6	S29 and \$2fluoride\$1	USPAT	OR	OFF	2008/03/11 14:29
S31	6	S30 and ammoni\$3	USPAT	OR	OFF	2008/03/11 14:30
S32	4	S31 and (ammoni\$3 with \$2fluoride\$1)	USPAT	OR	OFF	2008/03/11 14:30
S33	1	("4957165").PN.	USPAT; USOCR	OR	OFF	2009/04/21 08:14

S34	3	(pre\$1exist\$3 with (filter\$1cake (filter with cake\$1))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1ole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:20
S35	85	(exist\$3 with (filter\$1cake (filter with cake \$1))) and (subterranean well\$1bore\$1 bore \$1hole\$1 down\$1ole\$1 oil\$1well\$1 oil \$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:21
S36	61	((remov\$3 degrad\$3 dissolv\$3) with (filter \$1cake (filter with cake\$1))) and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:23
S37	1	("20040152601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 08:31
S38	1	("20050252659").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 08:34
S39	547	((filter\$1cake (filter with cake\$1))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down1\$hole\$1 oil\$1well\$1 oil\$1field\$1) and (poly\$1ester\$1 (lactic with acid\$1) lactide\$1 (glycolic with acid\$1) glycolide\$1 caprolactone\$1 poly\$1lactic\$1 poly \$1glycolic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:36
S40	353	((filter\$1cake (filter with cake\$1))) same (degrad\$4 dissolv\$4 remov\$4)) and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:36
S41	288	S40 and solid\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:37
S42	168	S41 and (solid\$1 same (polymer\$1 ((organic\$1 in\$1organic\$1) with acid\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:38
S43	133	S42 and (hydrolyz\$4 hydrolys\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:42
S44	62	("3768563"   "3880233"   "3905423"   "4202411"   "4335788"   "5062484"   "5126051"   "5165476"   "5247995"   "5310000"   "5320178"   "5624886"   "5681382"   "5709269"   "5964291"   "6279656").PN. OR ("6394185").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 09:04

S45	183	("20010016562"   "20020036088"   "20020125012"   "20030060374"   "20030114314"   "20030130133"   "20030188766"   "20030234103"   "20040014607"   "20040040706"   "20040055747"   "20040094300"   "20040106525"   "20040138068"   "20040152601"   "20040152602"   "20040216876"   "20040231845"   "20040261993"   "20040261995"   "20040261996"   "20040261999"   "20050006095"   "20050028976"   "20050034861"   "20050034865"   "20050103496"   "20050272613"   "2238671"   "2703316"   "3173484"   "3195635"   "3272650"   "3302719"   "3364995"   "3366178"   "3455390"   "3784585"   "3819525"   "3828854"   "3868998"   "3912692"   "3948672"   "3955993"   "3960736"   "3968840"   "3998272"   "3998744"   "4068718"   "4169798"   "4172066"   "4261421"   "4387769"   "4460052"   "4470915"   "4498995"   "4526695"   "4694905"   "4715967"   "4716964"   "4785884"   "4797262"   "4809783"   "4817721"   "4843118"   "4848467"   "4886354"   "4957165"   "4961466"   "4986353"   "4986354"   "4986355"   "5082056"   "5142023"   "5216050"   "5247059"   "5249628"   "5251697"   "5295542"   "5325923"   "5330005"   "5359026"   "5360068"   "5363916"   "5373901"   "5386874"   "5396957"   "5402846"   "5439055"   "5460226"   "5464060"   "5475080"   "5484881"   "5497830"   "5499678"   "5505787"   "5512071"   "5536807"   "5591700"   "5594095"   "5604186"   "5607905"   "5670473"   "5698322"   "5765642"   "5791415"   "5833000"   "5849401"   "5853048"   "5893416"   "5908073"   "5924488"   "5964291"   "6004400"   "6024170").PN. OR ("6028113"   "6047772"   "6114410"   "6123965"   "6131661"   "6135987"   "6143698"   "6162766"   "6169058"   "6172011"   "6189615"   "6202751"   "6209643"   "6209646"   "6214773"   "6242390"   "6260622"   "6311773"   "6323307"   "6326458"   "6328105"   "6357527"   "6364945"   "6380138"   "6387986"   "6390195"   "6394185"   "6422314"   "6454003"   "6485947"   "6488763"   "6494263"   "6508305"   "6527051"   "6554071"   "6569814"   "6599863"   "6667279"   "6669771"   "6681856"   "6686328"   "6702023"   "6710019"   "6761218"   "6763888"   "6817414"   "6818594"   "6896058"   "6949491").PN. OR ("7195068").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 09:12
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S46	75	((filter\$1cake (filter with cake\$1))) and (S44 S45)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 09:52
S47	53	S46 not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 09:53
S48	83	("4313834"   "5126051"   "5226479"   "5247995"   "5881813"   "5911923"   "5990052"   "5992518"   "6138753"   "6140277").PN. OR ("6763888").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 10:36
S49	25	((filter\$1cake (filter with cake\$1))) and (S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 11:00
S50	15	S49 not S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 11:00
S51	7	S50 not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 11:00
S52	1	("6763888").PN.	USPAT; USOCR	OR	OFF	2009/04/22 07:46
S53	1	("7195068").PN.	USPAT; USOCR	OR	OFF	2009/04/22 07:49
S54	1	("6394185").PN.	USPAT; USOCR	OR	OFF	2009/04/22 07:52
S55	31	(subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and ((ester\$1 ortho\$1ester\$1 poly\$1ester \$1) with solid\$1 with (hydrolys\$3 hydrolyz \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 07:55
S56	1	("6763888").PN.	USPAT; USOCR	OR	OFF	2009/04/22 07:59
S57	76	(subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and ((ester\$1 ortho\$1ester\$1 poly\$1ester \$1) same solid\$1 with (hydrolys\$3 hydrolyz \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 08:03

S58	45	S57 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 08:03
S59	1	("7265079").PN.	USPAT; USOCR	OR	OFF	2009/04/22 09:20
S60	1	("7080688").PN.	USPAT; USOCR	OR	OFF	2009/10/26 12:52
S61	3	((("4387769") or ("20030060374") or ("5164009")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/26 12:58
S62	2954	(solid\$1acid wth pre\$1cursor\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:01
S63	3	(solid\$1acid\$1 adj pre\$1cursor\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:01
S64	3	(solid\$1acid\$1 with pre\$1cursor\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:01
S65	79	(solid\$1 with acid\$1 with pre\$1cursor\$1) and (subterranean well\$1bore\$1 bore \$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil \$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:02
S66	66	(solid\$1 near4 acid\$1 with pre\$1cursor\$1) and (subterranean well\$1bore\$1 bore \$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil \$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:02
S67	3	S64 and (filter\$1cak\$3 (filter\$1 with cak \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:02
S68	40	S65 and (filter\$1cak\$3 (filter\$1 with cak \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 13:05
S69	2	((("20050252659") or ("20040106525")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/26 13:10
S70	2	((("20060105917") or ("20060105918")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/26 13:12

S71	1	("6131661").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/26 13:19
S72	930	(filter\$1cake\$1 (filter\$3 with cak\$3)) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (solid\$1 with (polymer\$1 acid\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:04
S73	237	((degrad\$3 disrupt\$3 dissolv\$3) with (filter \$1cake\$1 (filter\$3 with cak\$3))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (solid\$1 with (polymer\$1 acid\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:06
S74	169	((degrad\$3 disrupt\$3 dissolv\$3) with (filter \$1cake\$1 (filter\$3 with cak\$3))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (solid\$1 near3 (polymer\$1 acid\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:07
S75	32	((degrad\$3 disrupt\$3 dissolv\$3) with (filter \$1cake\$1 (filter\$3 with cak\$3))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and ((solid\$1 near3 (polymer\$1 acid\$1)) same (hydrolyz\$3 hydrolysis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:08
S76	25	S75 and ester\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:18
S77	16	((degrad\$3 disrupt\$3 dissolv\$3) with (filter \$1cake\$1 (filter\$3 with cak\$3))) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (((solid\$1 near3 (polymer\$1 acid\$1)) same (hydrolyz\$3 hydrolysis)) same ester \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/26 14:18
S78	81	(((((poly\$1glycolic glycolic) with acid\$1) same ((poly\$1lactic\$1 lactic) with acid\$1)) same (hydrolyz\$3 hydrolysis)) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 07:53
S79	1	("7080688").PN.	USPAT; USOCR	OR	OFF	2009/10/27 08:08
S80	1	("6394185").PN.	USPAT; USOCR	OR	OFF	2009/10/27 12:13
S81	3987	(centraliser\$1 centralizer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/27 12:18



S82	125	(centraliser\$1 centralizer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (solid\$1 with polymer\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:17
S83	2	S82 and ((centraliser\$1 centralizer\$1) same (mold\$3 mould\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:18
S84	2	S82 and ((centraliser\$1 centralizer\$1) same (solid\$1 same polymer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:18
S85	71	S82 not vinegar.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:21
S86	474	(centraliser\$1 centralizer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and (mould\$3 mold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:23
S87	87	((centraliser\$1 centralizer\$1) same (mould \$3 mold\$3)) and (subterranean well\$1bore \$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well \$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:23
S88	61	((centraliser\$1 centralizer\$1) with (mould \$3 mold\$3)) and (subterranean well\$1bore \$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well \$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:23
S89	14	S88 and screen\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:24
S90	13	S88 and (screen\$1 same (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:25

S91	13	S88 and (screen\$1 with (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:25
S92	4	((solid\$1 with polymer\$1) same (hydrolysis hydrolyz\$3)) and ((solid\$1 with polymer\$1) same (mold\$3 mould\$3)) and (subterranean well\$1bore\$1 bore\$1hole \$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:29
S93	5	((solid\$1 same polymer\$1) same (hydrolysis hydrolyz\$3)) and ((solid\$1 with polymer\$1) same (mold\$3 mould\$3)) and (subterranean well\$1bore\$1 bore\$1hole \$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:30
S94	100	S82 not shell.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:32
S95	16	S87 and screen\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:37
S96	14	((centraliser\$1 centralizer\$1) same (mould \$3 mold\$3)) and (subterranean well\$1bore \$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well \$1 oil\$1field\$1) and ((centraliser\$1 centralizer\$1) same screen\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 07:48
S97	143	((centraliser\$1 centralizer\$1) same polymer \$1) and (subterranean well\$1bore\$1 bore \$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil \$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:07
S98	75	((centraliser\$1 centralizer\$1) with polymer \$1) and (subterranean well\$1bore\$1 bore \$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil \$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:07
S99	68	S98 and screen\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:08

S100	54	((centraliser\$1 centralizer\$1) same polymer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1) and screen\$1) not S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:12
S101	3987	(centraliser\$1 centralizer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:22
S102	1062	S101 and screen\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 08:22
S103	3987	(centraliser\$1 centralizer\$1) and (subterranean well\$1bore\$1 bore\$1hole\$1 down\$1hole\$1 oil\$1well\$1 oil\$1field\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:06
S104	1062	S103 and screen\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:06
S105	68	S104 and (polymer\$1 with (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:06
S106	6	S104 and ((treatment\$1 with (chemical\$1 material\$1)) same (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:06
S107	75	S103 and (polymer\$1 with (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:09
S108	1	S107 and ((treatment\$1 with (chemical\$1 material\$1)) same (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:09

S109	13	S103 and ((treatment\$1 with (chemical\$1 material\$1)) same (centraliser\$1 centralizer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:09
S110	2	S107 and (polymer\$1 with (hydrolysis hydrolyz\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/28 11:13
S111	1	("7265079").PN.	USPAT; USOCR	OR	OFF	2009/10/28 13:51
S112	2	((("5164099") or ("6283205"))).PN.	USPAT; USOCR	OR	OFF	2010/03/18 13:49
S113	2	((("20040106525") or ("20040152601"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/18 14:00
S114	686	(subterranean well\$1 bore\$1 bore\$1 hole\$1 down\$1 hole\$1 oil\$1 well\$1 oil\$1 field\$1) and ((filter\$3 with cak\$3) filter\$1 cake\$1 (filter\$1 adj cak\$3)) and (poly\$1 ester\$1 (aliphatic\$1 with poly\$1 ester\$1) ((lactic\$1 glycolic\$1) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1 (poly\$1 glycolic with acid\$1) (poly\$1 lactic\$1 with acid\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/18 14:15
S115	386	(subterranean well\$1 bore\$1 bore\$1 hole\$1 down\$1 hole\$1 oil\$1 well\$1 oil\$1 field\$1) and ((poly\$1 ester\$1 ((lactic glycolic) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1) same (hydrolysis hydrolyz\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/01 13:36
S116	160	S115 and ((poly\$1 ester\$1 ((lactic glycolic) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1) same solid\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/01 13:38
S117	5042	(subterranean well\$1 bore\$1 bore\$1 hole\$1 down\$1 hole\$1 oil\$1 well\$1 oil\$1 field\$1) and (((\$6caprolactone\$1 lactone\$1 poly\$1 ester\$1 ((lactic glycolic) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/02 07:26
S118	459	S117 and ((((\$6caprolactone\$1 lactone\$1 poly\$1 ester\$1 ((lactic glycolic) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1)) same (hydrolyz\$5 hydrolysis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/02 07:27
S119	198	S118 and ((((\$6caprolactone\$1 lactone\$1 poly\$1 ester\$1 ((lactic glycolic) with acid\$1) lactide\$1 glycolide\$1 capro\$1 lactone\$1)) same (solid\$1 particle\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/02 07:27

S120	261	S118 not S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/02 08:46
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